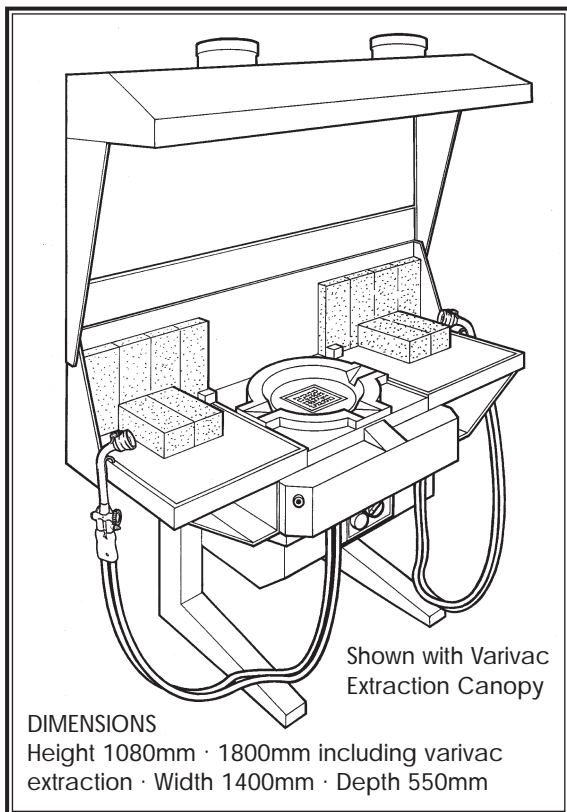


# DS 430

## CHIP FORGE / BRAZING HEARTH



Shown with Varivac  
Extraction Canopy

#### DIMENSIONS

Height 1080mm · 1800mm including varivac  
extraction · Width 1400mm · Depth 550mm

## FORGING

#### PERFORMANCE

GAS TYPE	RATE	BTU/HRS	KW
Natural Gas	2.3m <sup>3</sup> /h	85000	24.9
Propane	1.8kg/h	85000	24.9
Butane	1.8kg/h	85000	24.9

#### STANDARD EQUIPMENT

- ◆ Push-button no-volt release starter.  
Requires manual restart after power failure.
- ◆ Ceramic hearth.
- ◆ Automatic safety check of controls and air fan.
- ◆ Full manual control of hearth conditions.
- ◆ Whisper quiet air blower fan.
- ◆ Indicator status lights.
- ◆ Gas non-return valve.
- ◆ 12.5Kg of ceramic chippings.
- ◆ Operation/Instruction manual.
- ◆ Side and rear heat shields.
- ◆ Rake iron

#### OPTIONAL EXTRA

- ◆ Fume extraction equipment to meet the requirements of COSHH Regulations.

*According to the Health & Safety at Work Act 1974, BS 4163 and COSHH Regulations it is mandatory that all fumes must be removed at source.*

- ◆ Please state type of gas when ordering ◆

## FLAMEFAST (UK) LTD

UNIT 2 · Labtec Street · Swinton · Manchester M27 8SE  
Tel 0161 793 9998 · Fax 0161 793 0098  
www.flamefast.co.uk · e-mail: sales@flamefast.co.uk

#### THE DS 430 COMPLIES WITH BRITISH GAS STANDARDS AND IS A FULLY FAILSAFE SYSTEM

All sequences of operation are visually displayed using neon indicators. On start-up the gas train, hoses and torches are tested for escaping gas.

Leaks from any component will result in a continuously illuminated red neon and the main flow of gas will be prevented from entering the system.

#### TOTAL GAS PERFORMANCE

GAS TYPE	RATE	BTU/HRS	KW	PRESSURE
Natural Gas	6.66m <sup>3</sup> /h	245000	71.8	20 mbar
Propane	5.1kg/h	245000	71.8	35 mbar
Butane	5.2kg/h	245000	71.8	28 mbar

Electrics 120 watts - 220-240 volt single phase  
Weight 133 Kg

## VARIVAC EXTRACTION

The unique fume intake configuration of the Varivac captures all fumes and prevents any spillage. An electrical interlock prevents the use of any linked equipment before the Varivac is switched ON. The Varivac can be fitted to existing equipment if required with a choice of low level or high rise exhaust outlets.

PERFORMANCE 900 cfm per hood

#### NOISE LEVEL

Average noise level 80 dB at 1 metre.

Fully automatic systems available on request

## BRAZING

#### PERFORMANCE

GAS TYPE	RATE	BTU/HRS	KW
Natural Gas	4.36m <sup>3</sup> /h	160000	46.9
Propane	3.3kg/h	160000	46.9
Butane	3.4kg/h	160000	46.9

#### STANDARD EQUIPMENT

- ◆ 2 asbestos-free heat resistant refractory hearths.
- ◆ 4 full size Heat Reflective Blocks.
- ◆ 8 half size Heat Reflective Blocks.
- ◆ Push button no volt release starter.  
Requires manual restart after power failure.
- ◆ 2 RF 80 brazing torches.
- ◆ Colour coded reinforced gas and air hoses.
- ◆ Whisper quiet air blower fan.
- ◆ Push button electronic ignition.
- ◆ Auto gas leak proving system on start up.
- ◆ Indicator status lights.
- ◆ Gas non-return valve.
- ◆ Operating/Instruction manual.

#### OPTIONAL EXTRAS

- ◆ RF 10 Fine Jewellery brazing torch.
- ◆ 300mm revolving brazing table.
- ◆ Brazing Kit.
- ◆ Fume extraction equipment to meet the requirements of COSHH regulations.

